

FIG. 1



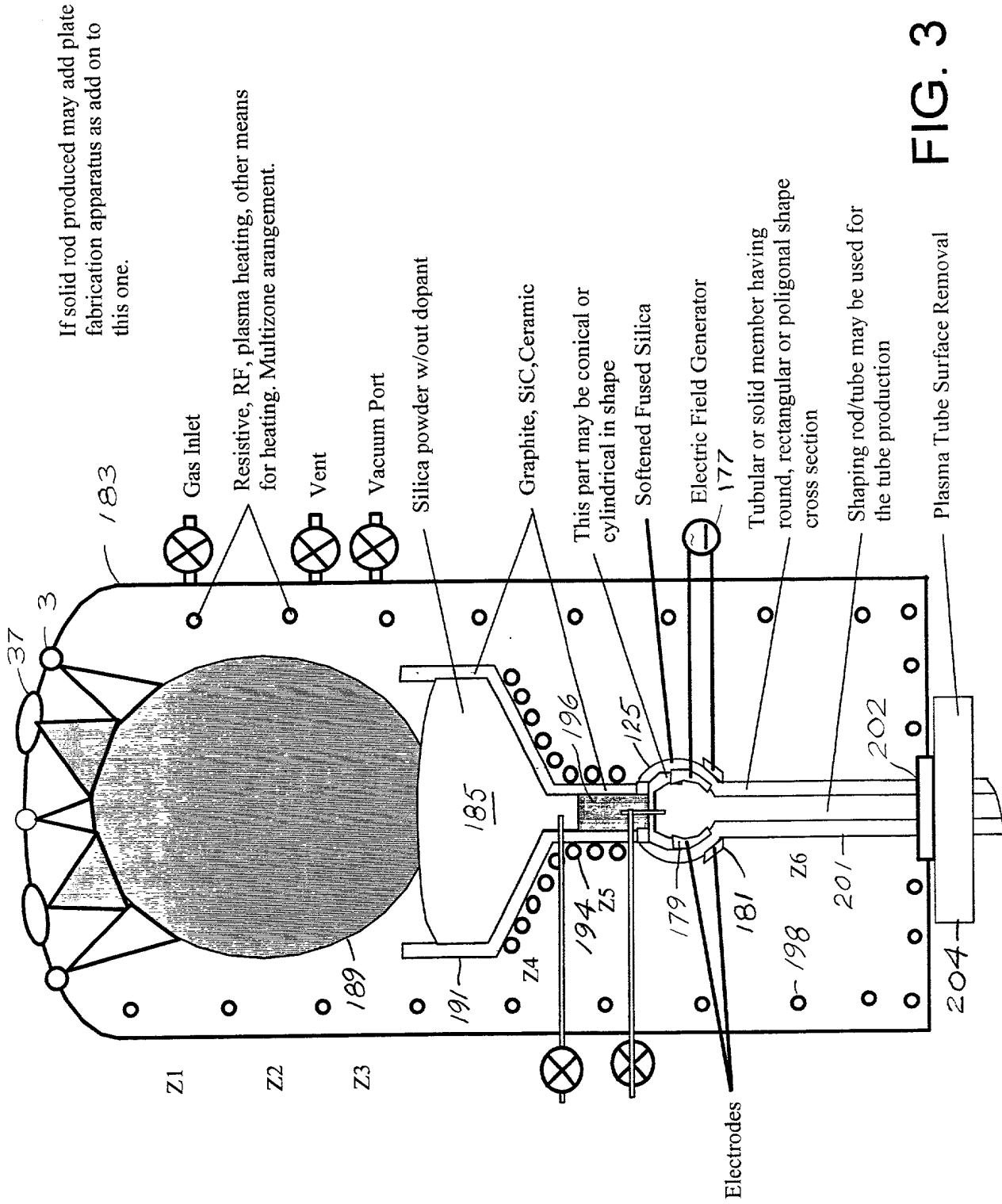


FIG. 3

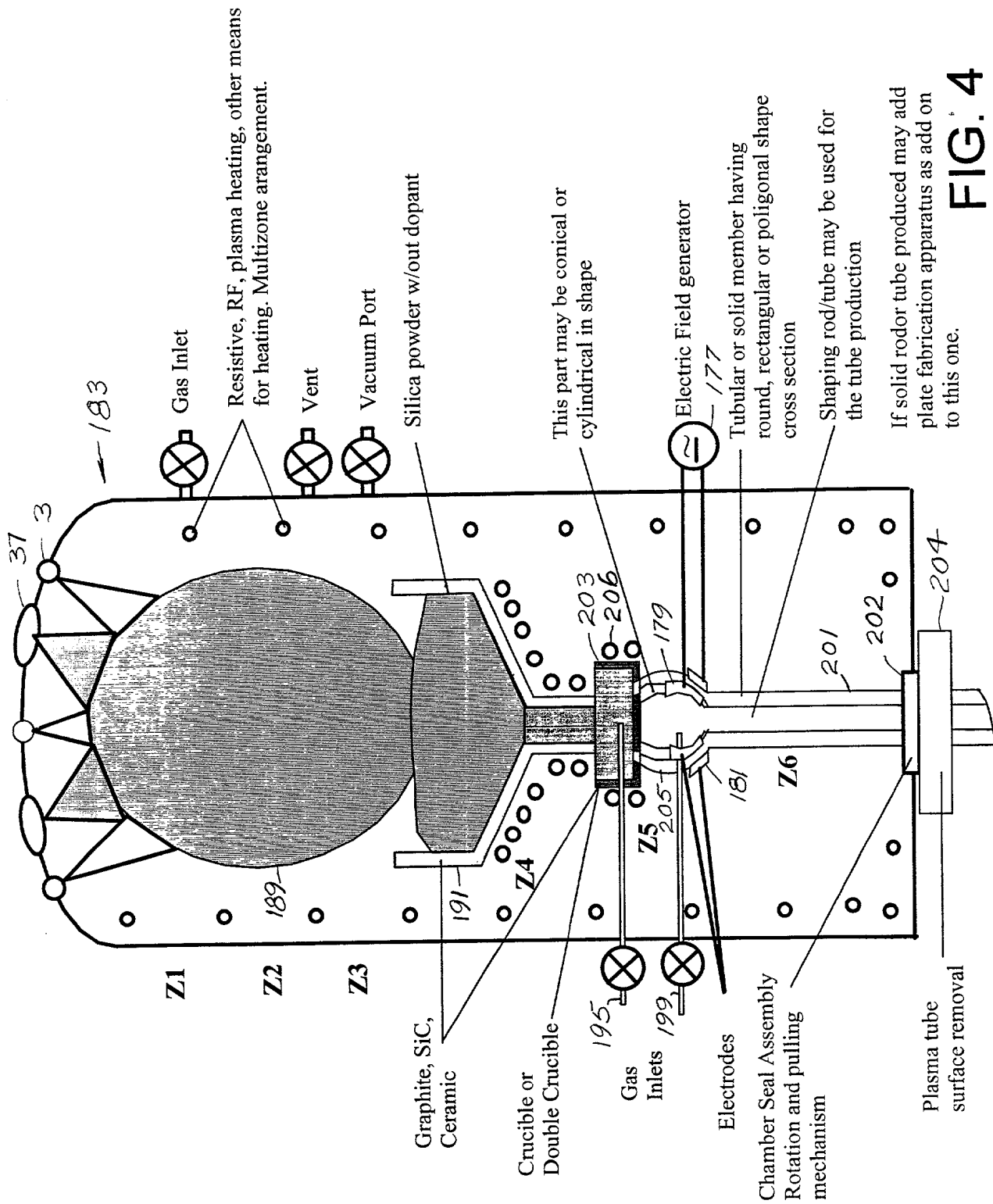
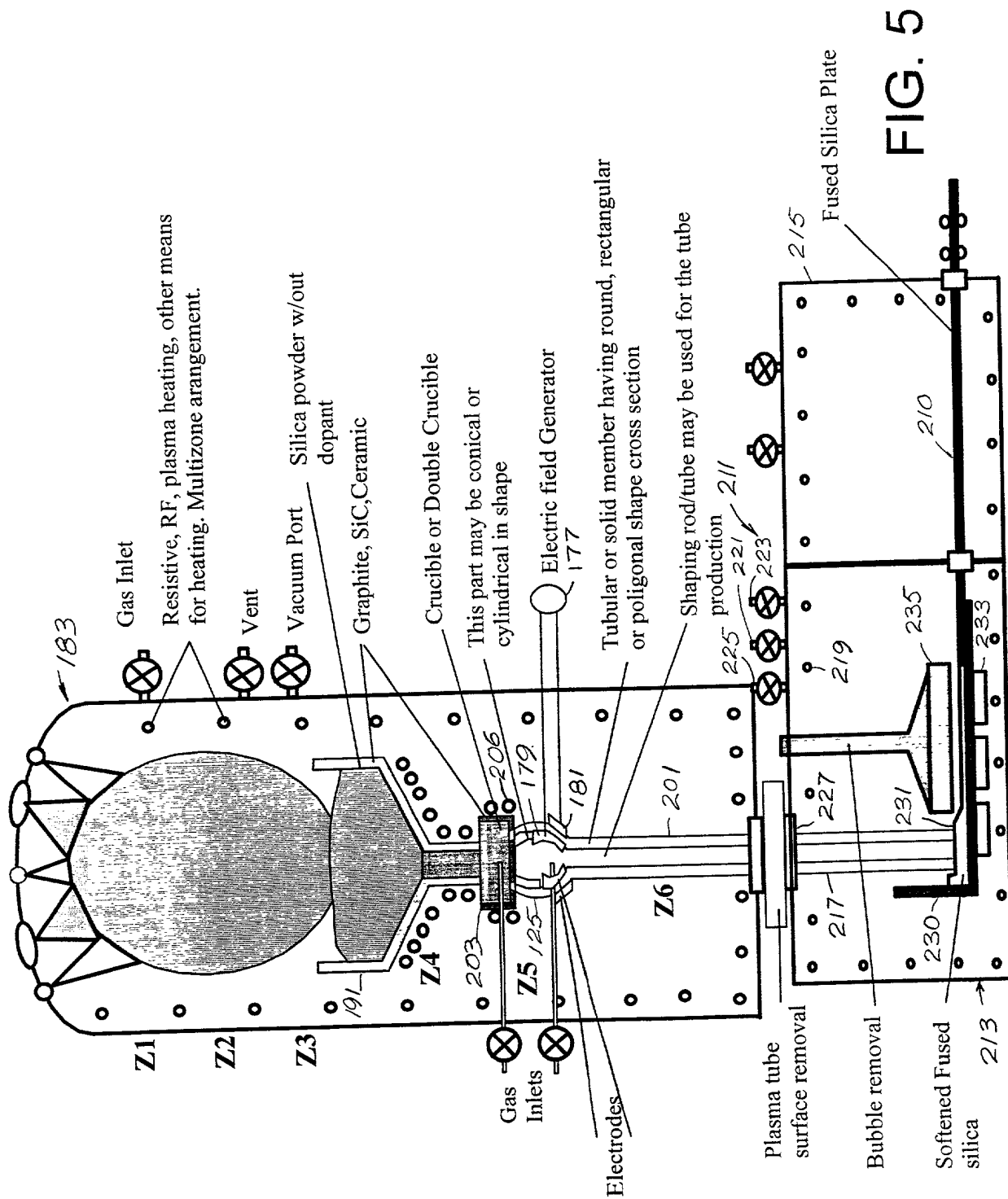
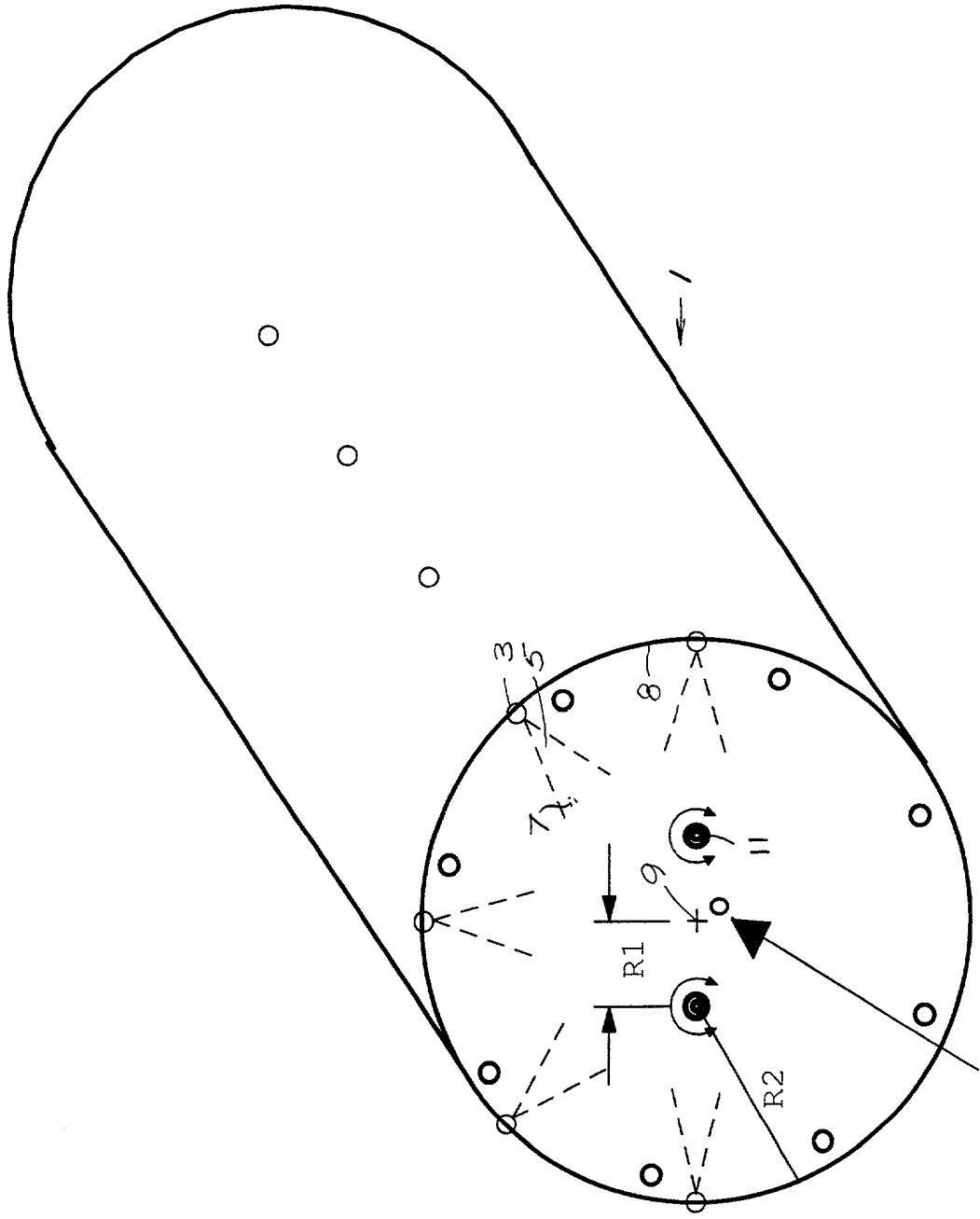


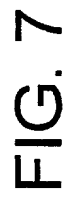
FIG. 4





He and other Gasses

FIG. 6



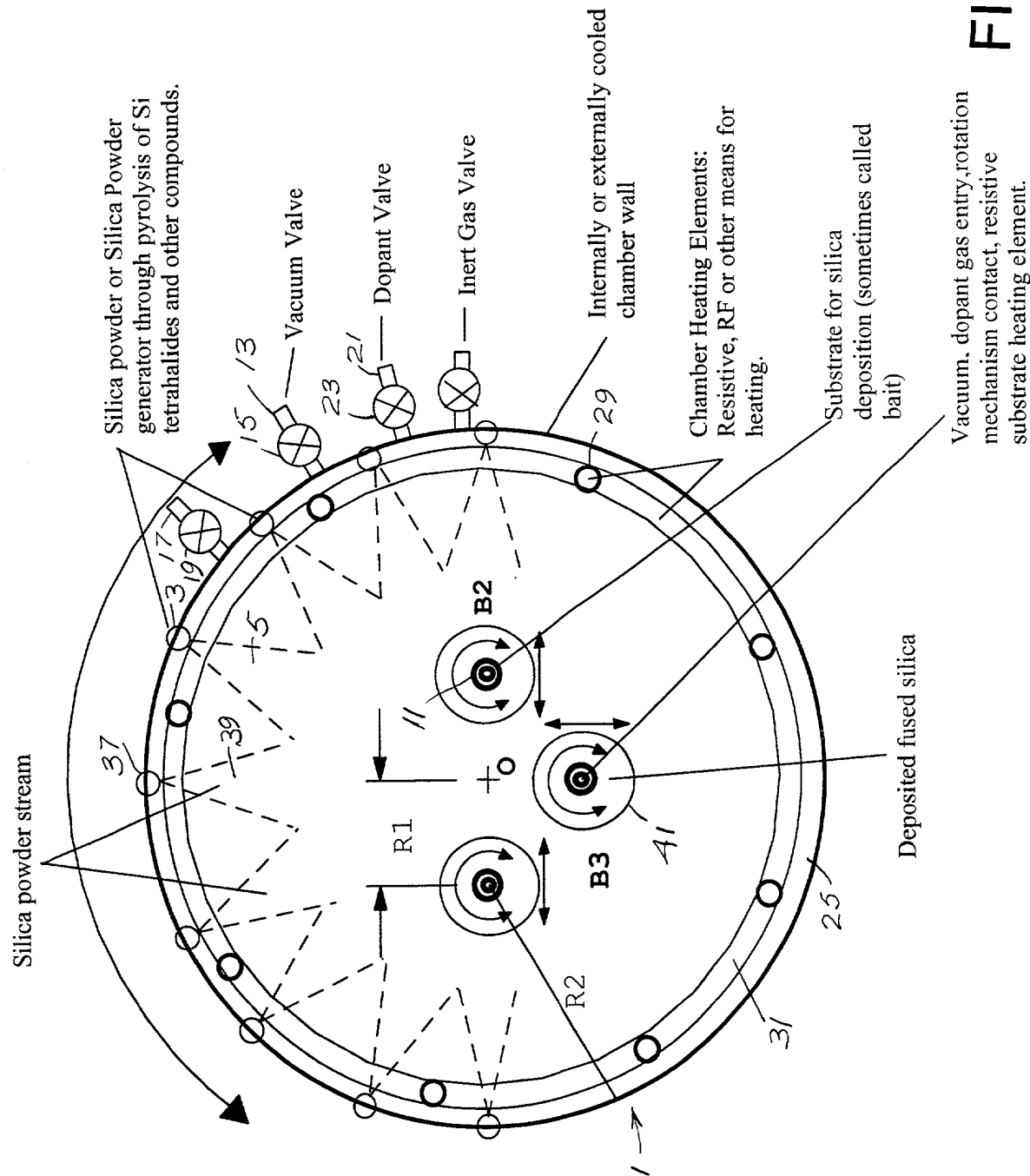


FIG. 8



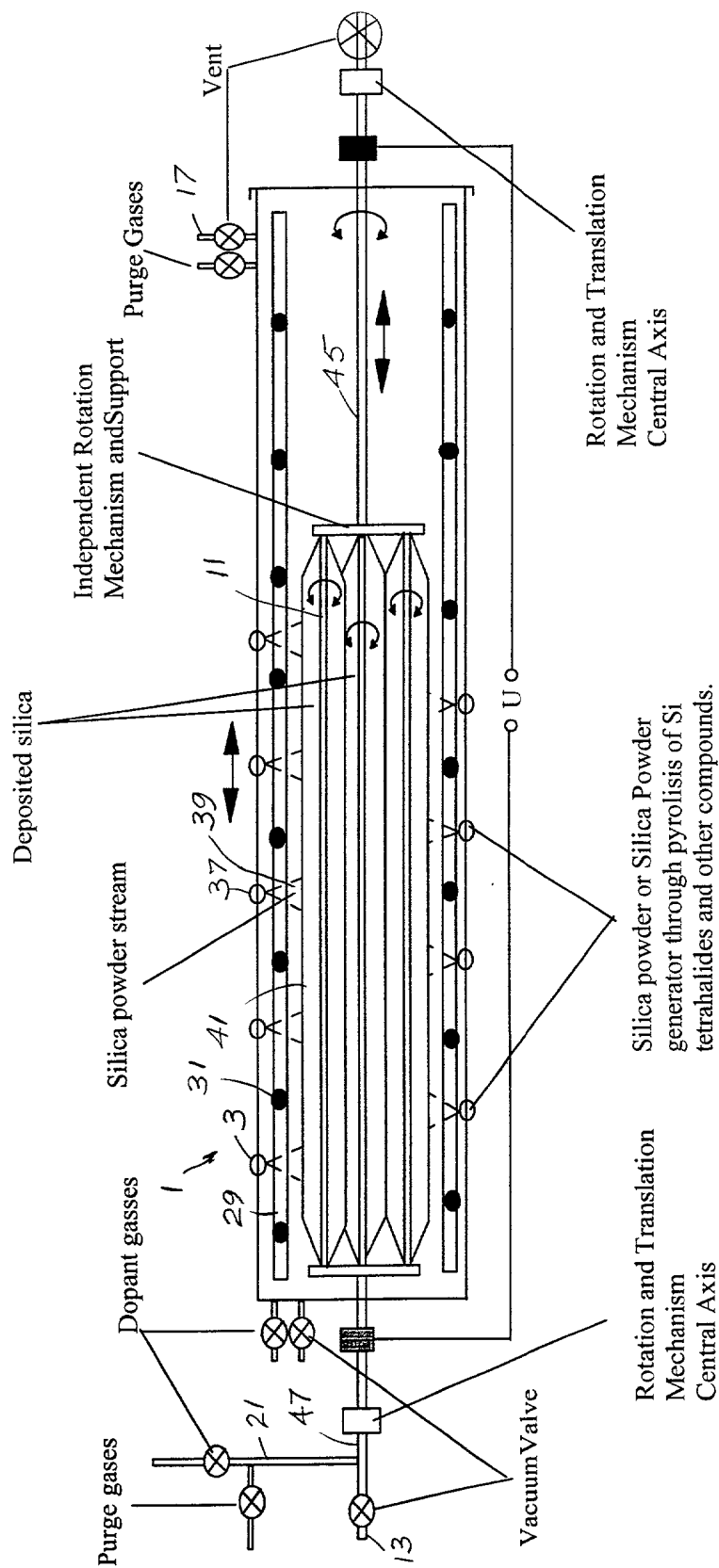


FIG. 9

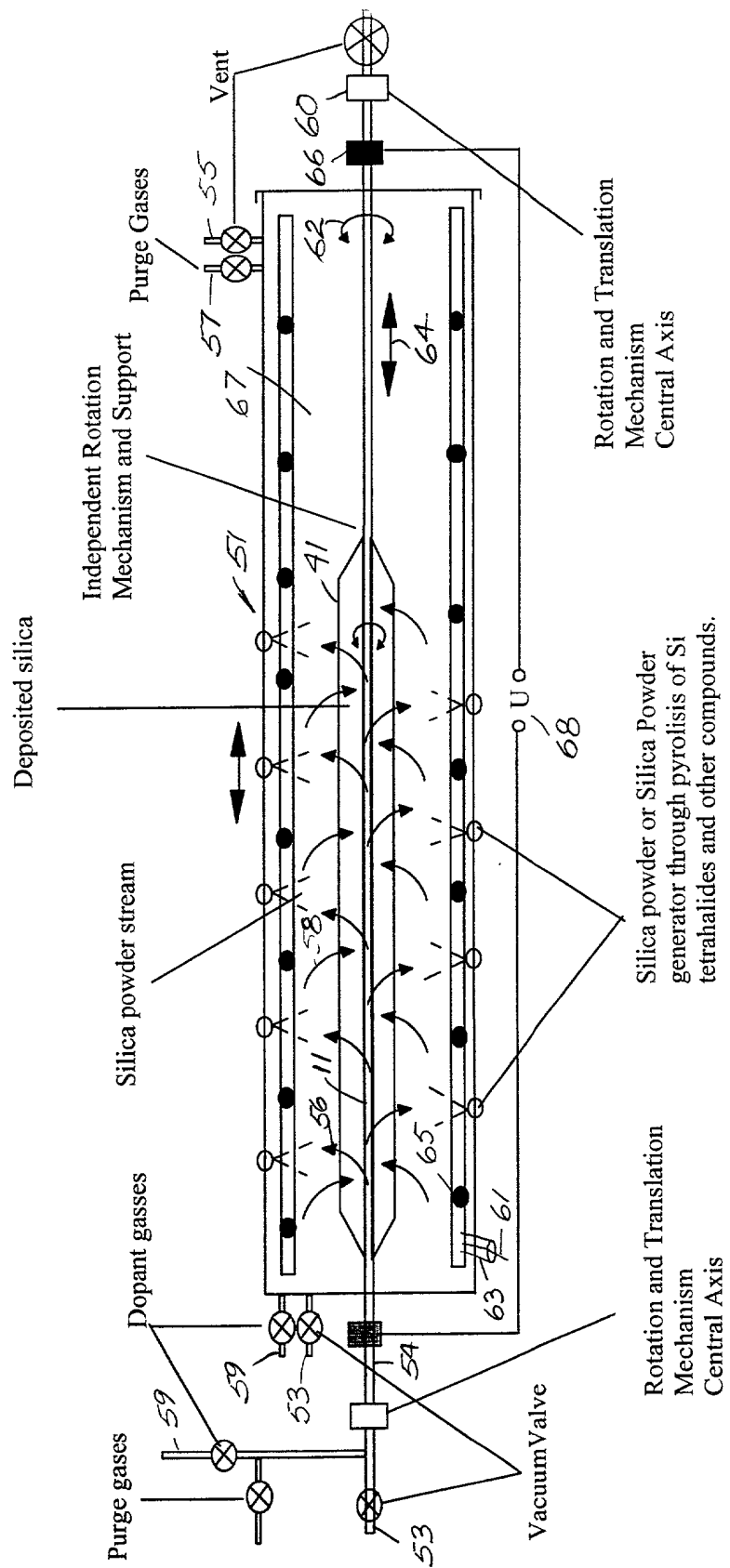


FIG. 10

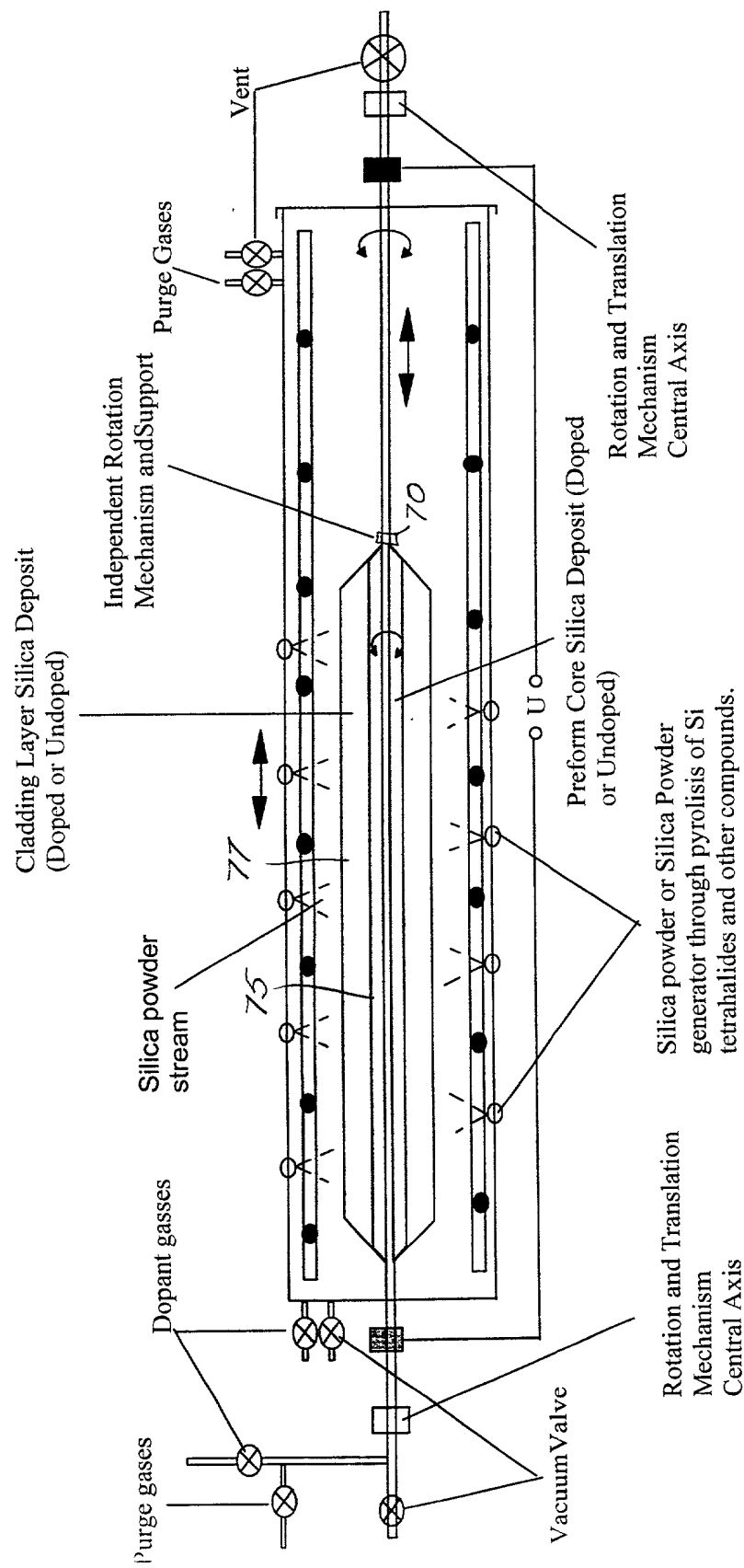


FIG. 11

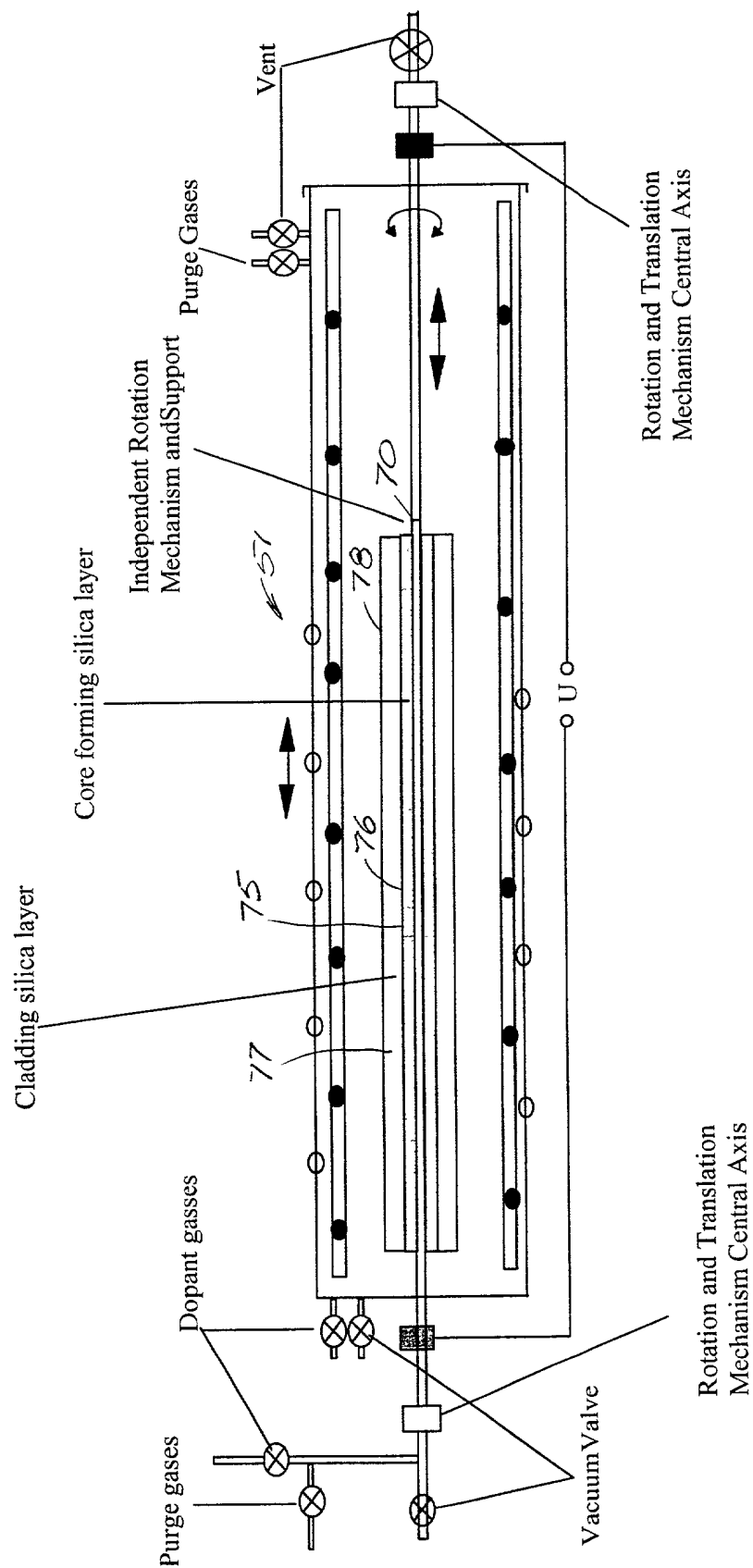


FIG. 12



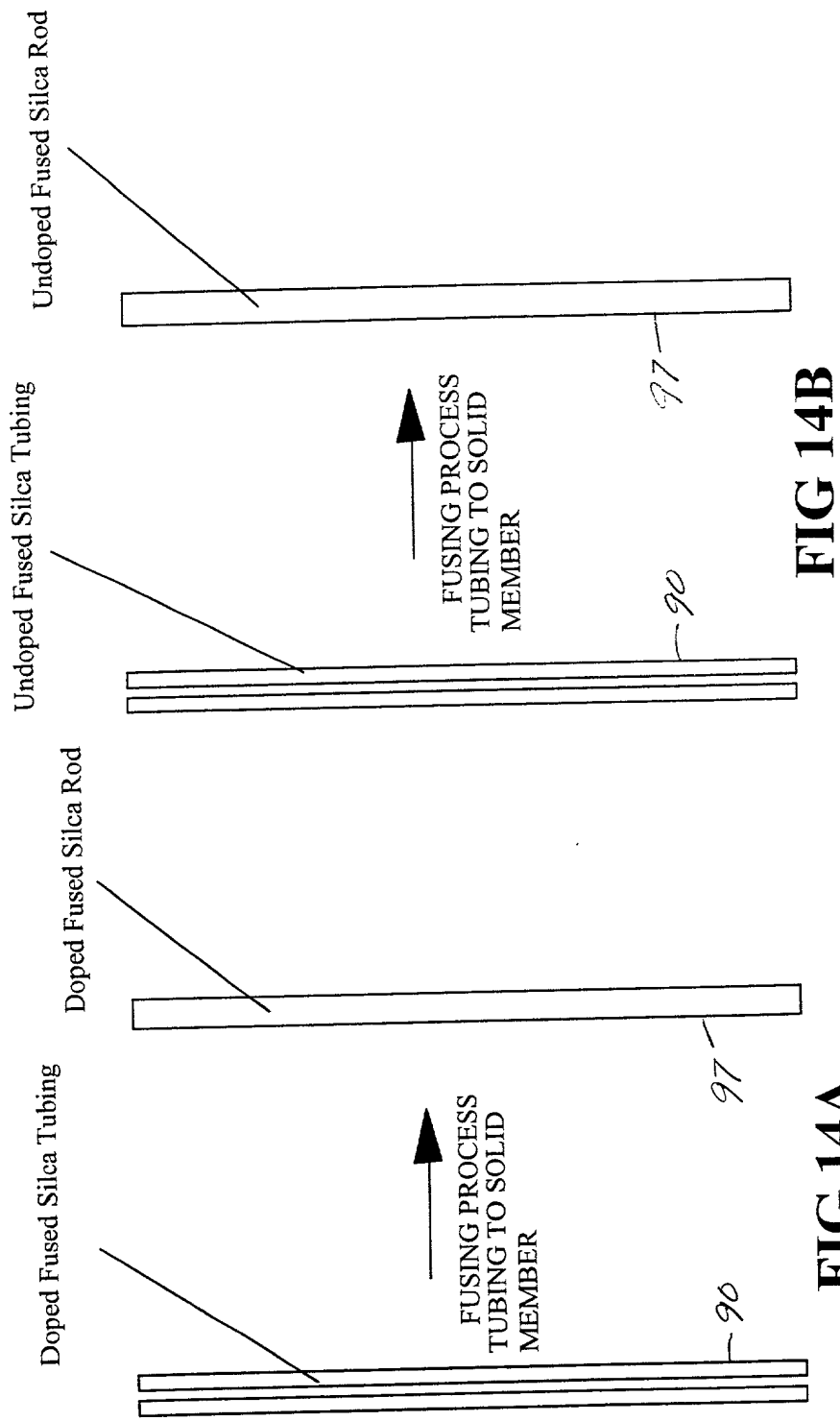


FIG 14A

a) Undoped Core Fabrication Process

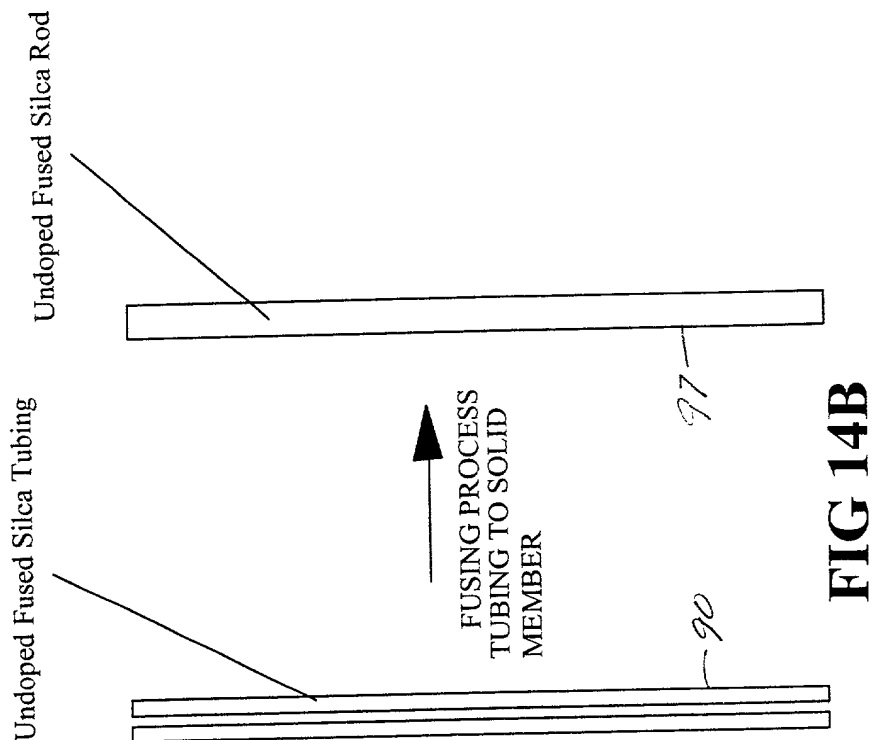


FIG 14B

b) Undoped Core Fabrication Process

Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication

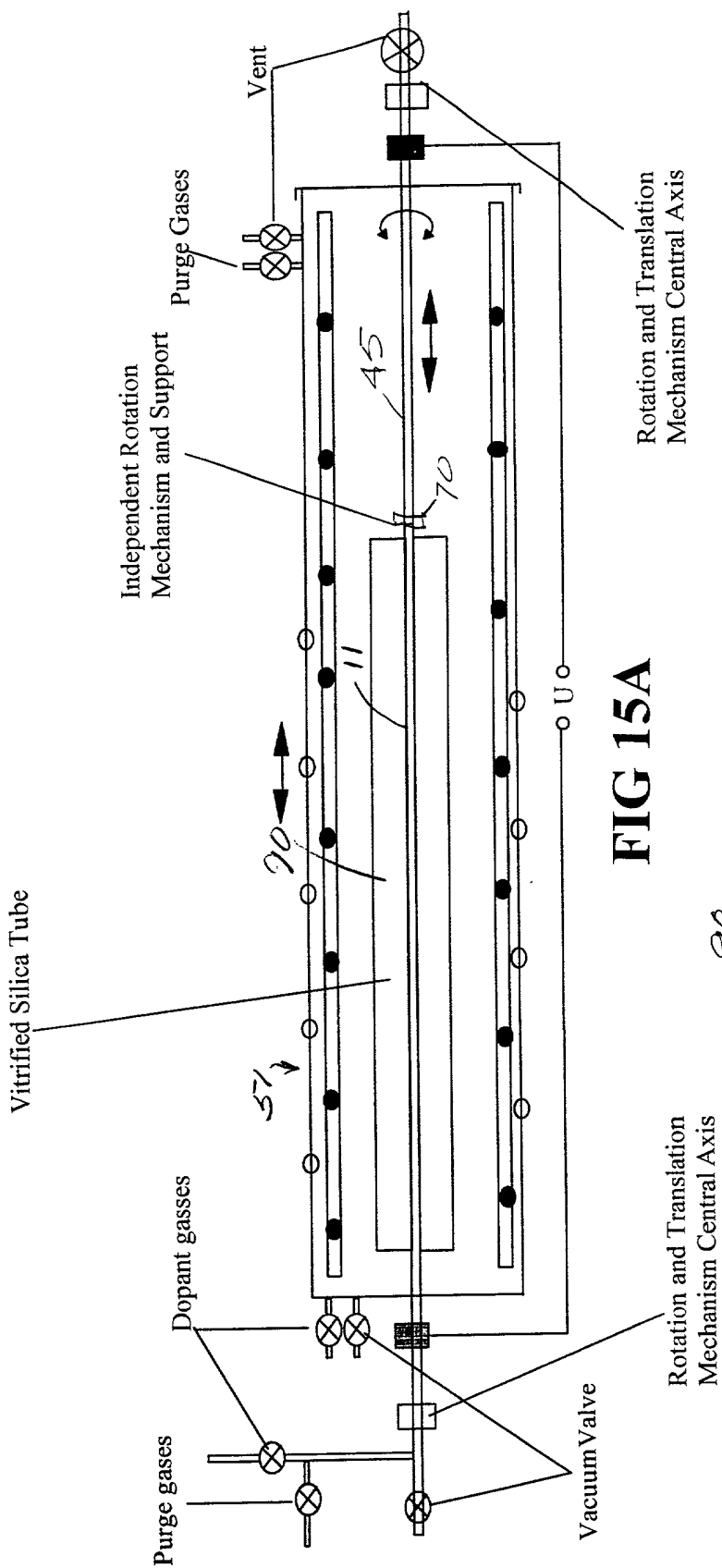


FIG 15A

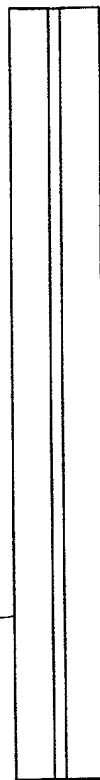


FIG 15B

Vitrification of a doped or undoped fused silica tube and tube member produced

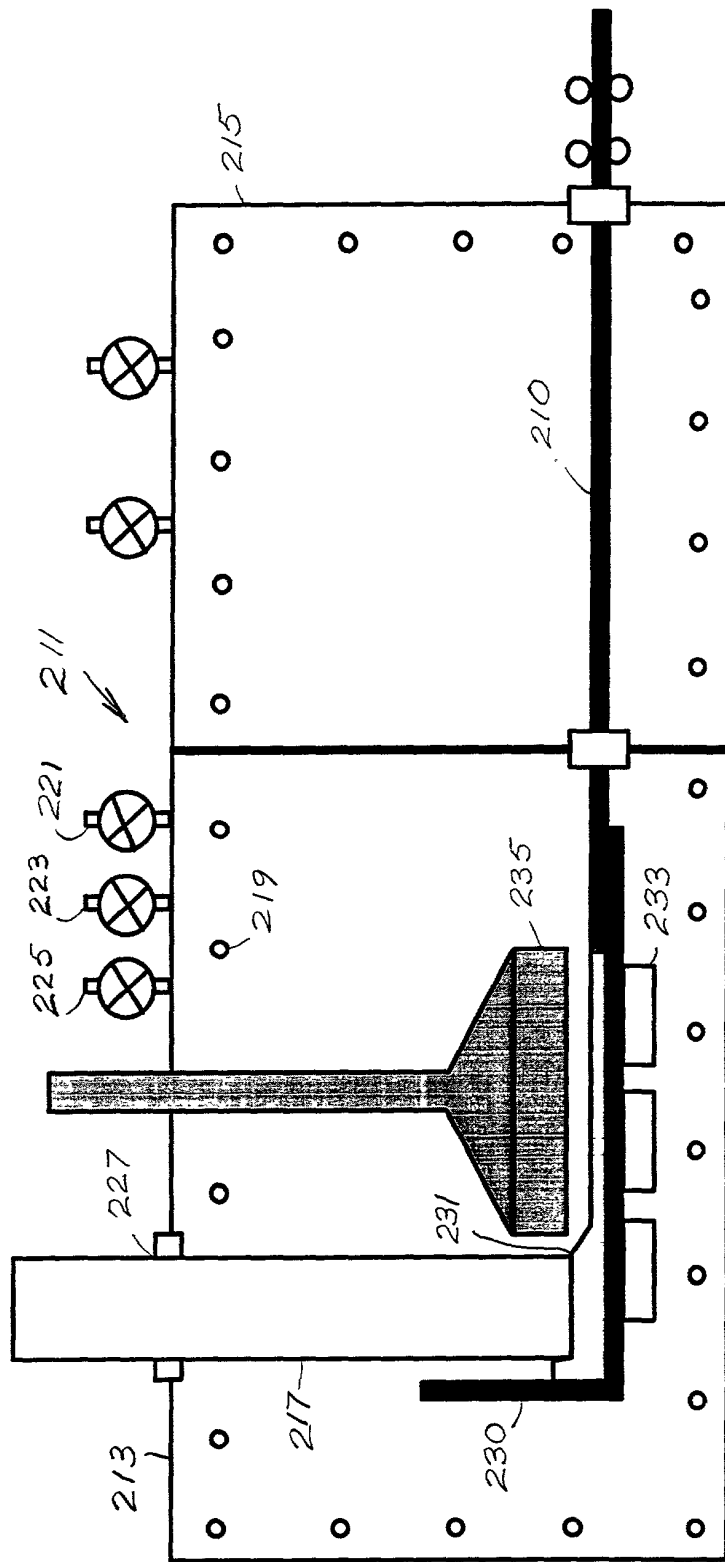


FIG. 16